

Express Mail Label  
No. EL429981124US

Patent Application

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. of: Tyler J. Beck, et al.

Atty. Docket: 23,392-77

Serial No.: 10/

Filed: June 24, 2003

For: Analysis Systems Detecting Particle Size and Fluorescence

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TRANSMITTAL

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed herewith for filing are the following items:

1. U.S. Patent Application, consisting of 27 pages of specification, 12 pages of claims, 1 page of abstract and 17 sheets of drawings (including Figs. 1-25);
2. Declaration, Power of Attorney and Petition (unsigned) (3 pages);
3. Check in the amount of \$1,842.00 for the filing fee;
4. Fee Transmittal FY 2003 (1 page);
5. Application Data Sheet (5 pages); and
6. Return Receipt Post Card.

The Commissioner is authorized to charge any further fees necessitated by this transmittal, or credit any overpayment, to Deposit Account No. 12-0449.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**FEE TRANSMITTAL**  
**for FY 2003**

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ ) 1,842.00

**Complete if Known**

Application Number	
Filing Date	June 24, 2003
First Named Inventor	Tyler J. Beck
Examiner Name	
Art Unit	
Attorney Docket No.	23,392-77

**METHOD OF PAYMENT (check all that apply)**☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☐ Deposit Account:Deposit Account Number: 12-0449  
Deposit Account Name: Larkin, Hoffman, Daly & Lindgren, Ltd.

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments  
☐ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 750	2001 375	Utility filing fee	750.00
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
<b>SUBTOTAL (1)</b>			<b>(\$ ) 750.00</b>

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra Claims	Fee from below	Fee Paid
62	-20** = 42	X 18	= 756
Independent Claims	7	-3** = 4	X 84 = 336
Multiple Dependent			

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 84	2201 42	Independent claims in excess of 3
1203 280	2203 140	Multiple dependent claim, if not paid
1204 84	2204 42	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
<b>SUBTOTAL (2)</b>		

SUBTOTAL (2) (\$ ) 1,842.00

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65		Surcharge - late filing fee or oath	
1052 50	2052 25		Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130		Non-English specification	
1812 2,520	1812 2,520		For filing a request for <i>ex parte</i> reexamination	
1804 920*	1804 920*		Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*		Requesting publication of SIR after Examiner action	
1251 110	2251 55		Extension for reply within first month	
1252 410	2252 205		Extension for reply within second month	
1253 930	2253 465		Extension for reply within third month	
1254 1,450	2254 725		Extension for reply within fourth month	
1255 1,970	2255 985		Extension for reply within fifth month	
1401 320	2401 160		Notice of Appeal	
1402 320	2402 160		Filing a brief in support of an appeal	
1403 280	2403 140		Request for oral hearing	
1451 1,510	1451 1,510		Petition to institute a public use proceeding	
1452 110	2452 55		Petition to revive - unavoidable	
1453 1,300	2453 650		Petition to revive - unintentional	
1501 1,300	2501 650		Utility issue fee (or reissue)	
1502 470	2502 235		Design issue fee	
1503 630	2503 315		Plant issue fee	
1460 130	1460 130		Petitions to the Commissioner	
1807 50	1807 50		Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180		Submission of Information Disclosure Stmt	
8021 40	8021 40		Recording each patent assignment per property (times number of properties)	
1809 750	2809 375		Filing a submission after final rejection (37 CFR 1.129(a))	
1810 750	2810 375		For each additional invention to be examined (37 CFR 1.129(b))	
1801 750	2801 375		Request for Continued Examination (RCE)	
1802 900	1802 900		Request for expedited examination of a design application	

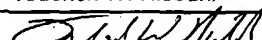
Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ )

**SUBMITTED BY**

(Complete if applicable)

Name (Print/Type)	Frederick W. Niebuhr	Registration No. (Attorney/Agent)	27,717	Telephone	952-896-1574
Signature		Date	June 24, 2003		

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

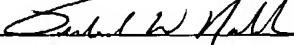
This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Please direct any questions or comments to Frederick W. Niebuhr at (952) 896-1574.

Respectfully submitted,

Date: June 24, 2003

By:   
Frederick W. Niebuhr  
Registration No. 27,717



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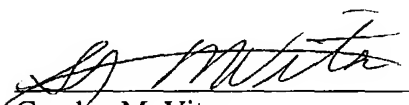
PATENT TRADEMARK OFFICE.

Certificate of Express Mailing

Pursuant to 37 C.F.R. 1.10, I hereby certify that this Transmittal and accompanying documents are being deposited with the United States Postal Service by "Express Mail Post Office to Addressee" service, addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, as of the date and under the mailing label indicated below:

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GERALYN M. VITA

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